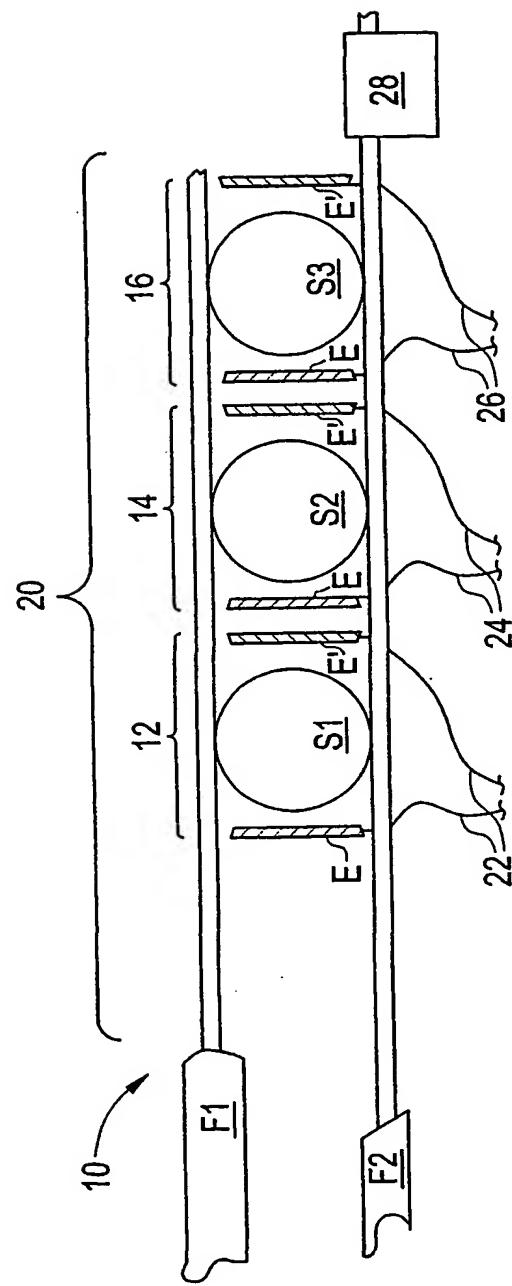


FIG. 1



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FIG. 2A

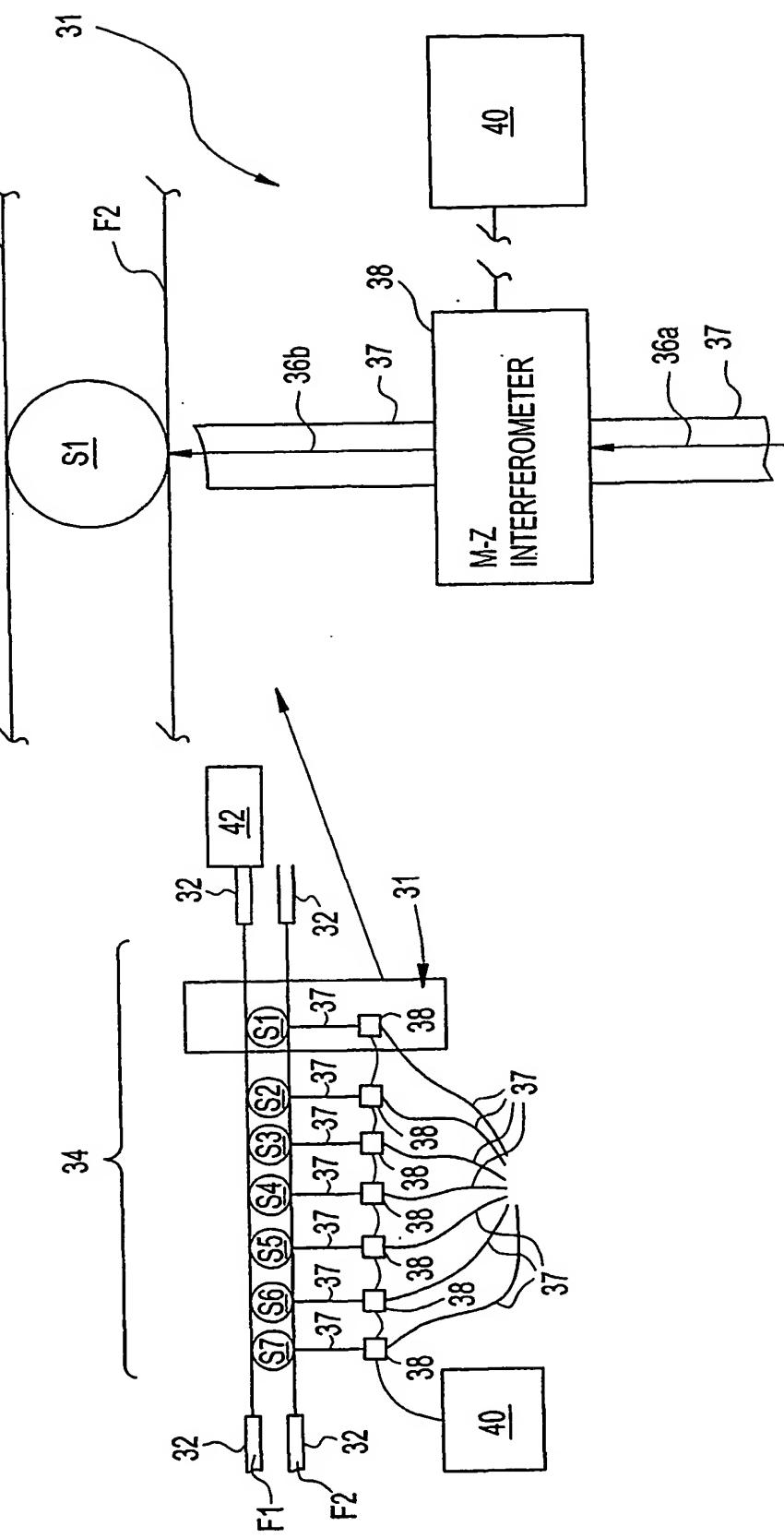


FIG. 2B

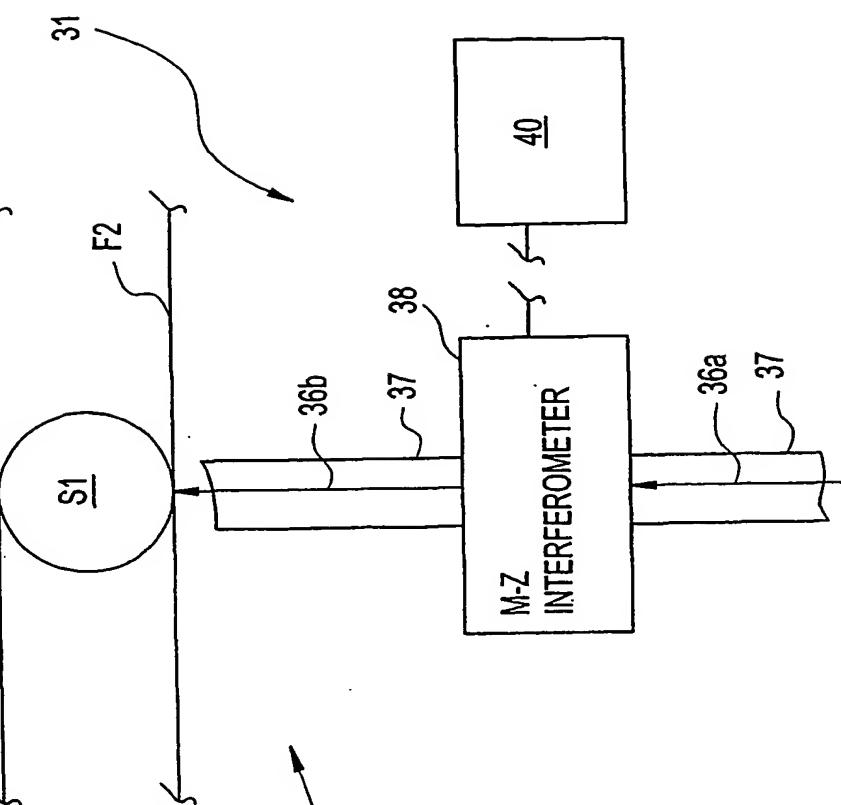


FIG. 3B

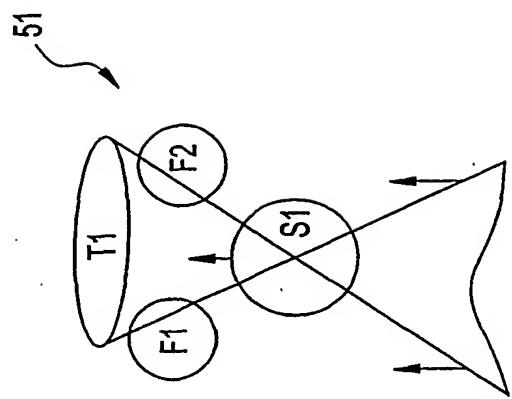


FIG. 3C

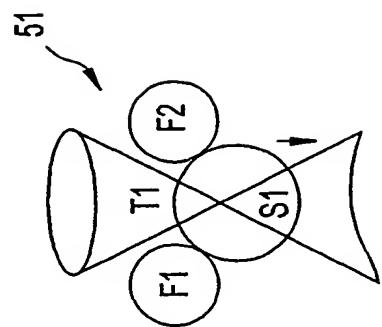
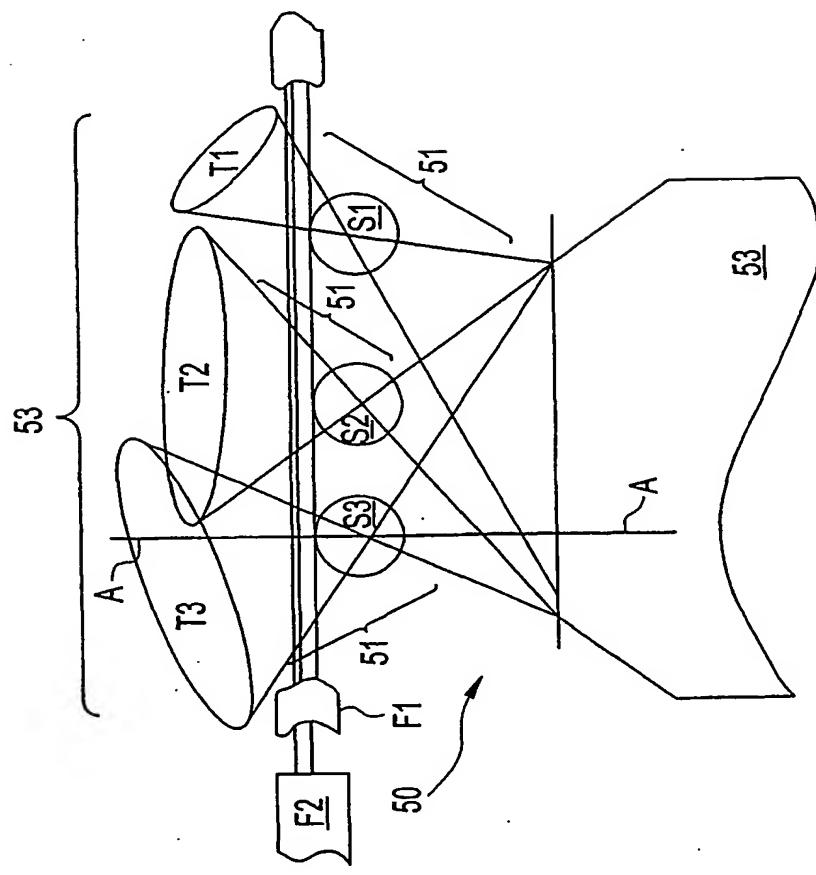


FIG. 3A



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FIG. 4

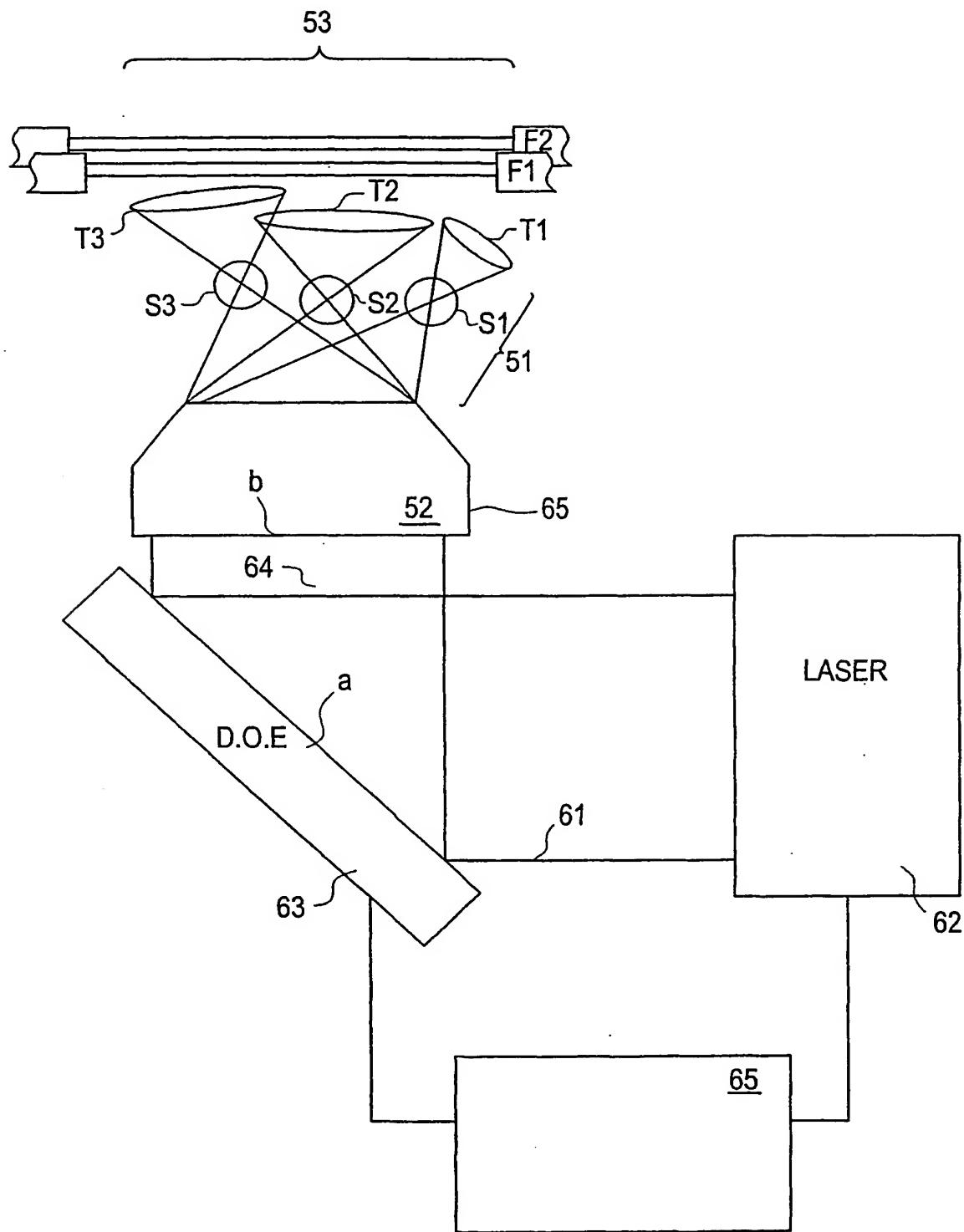


FIG. 5

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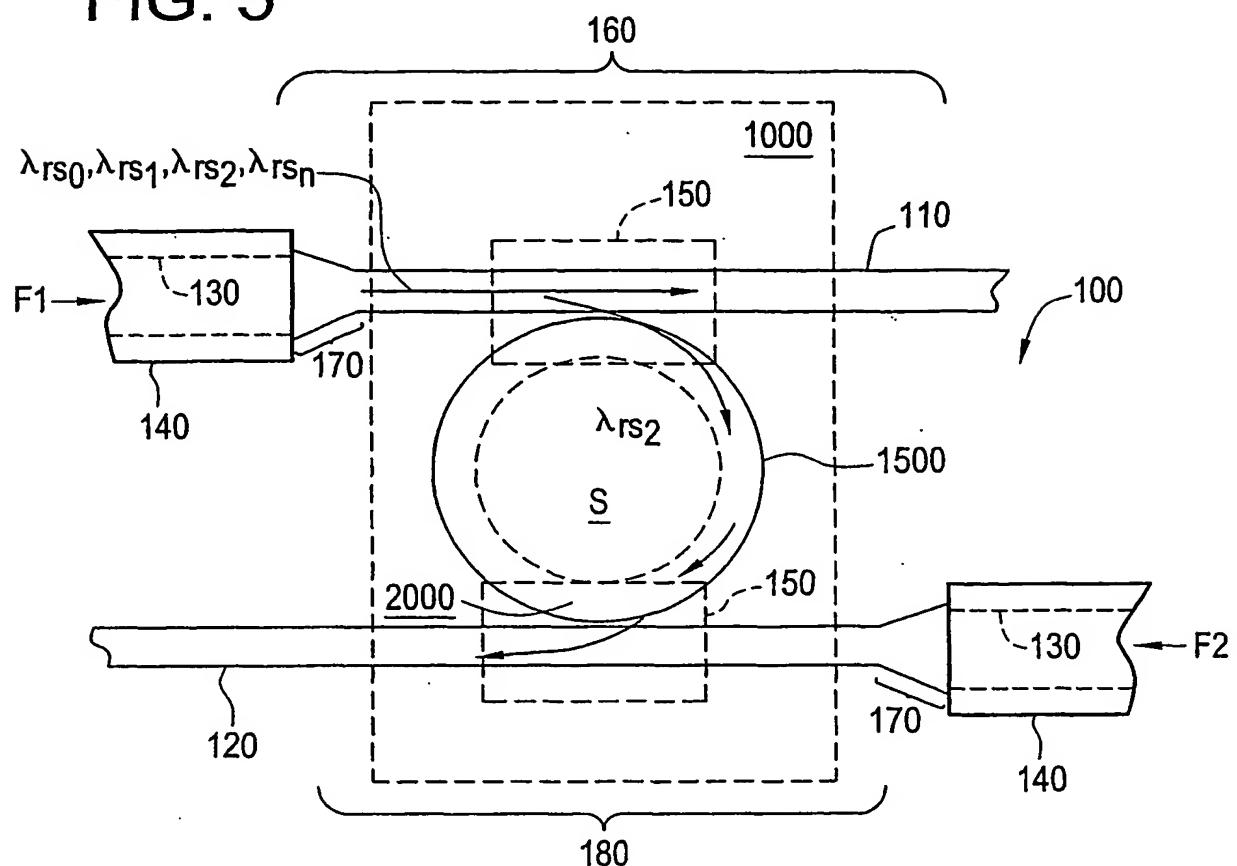
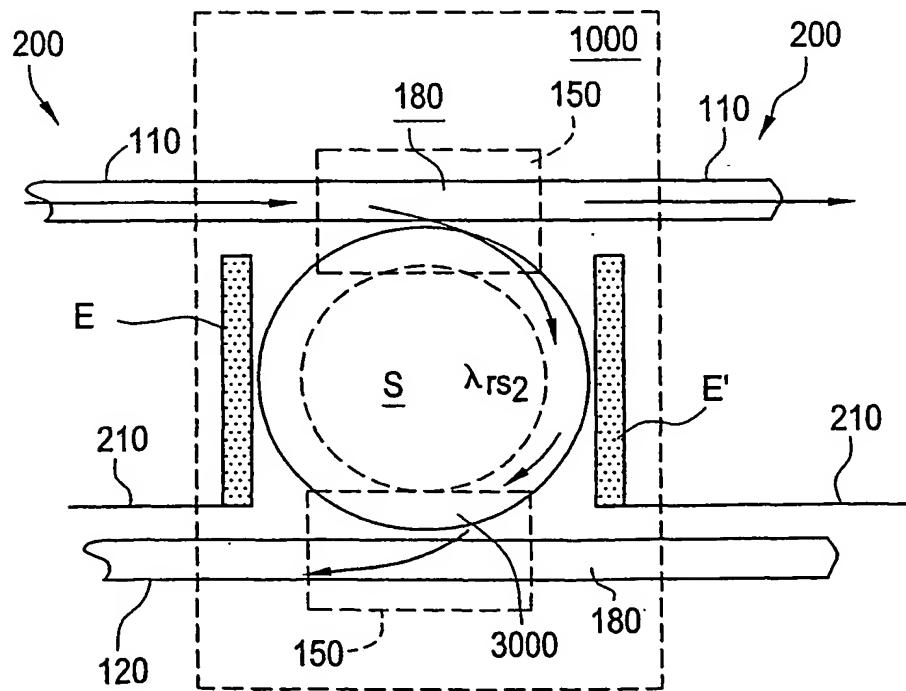
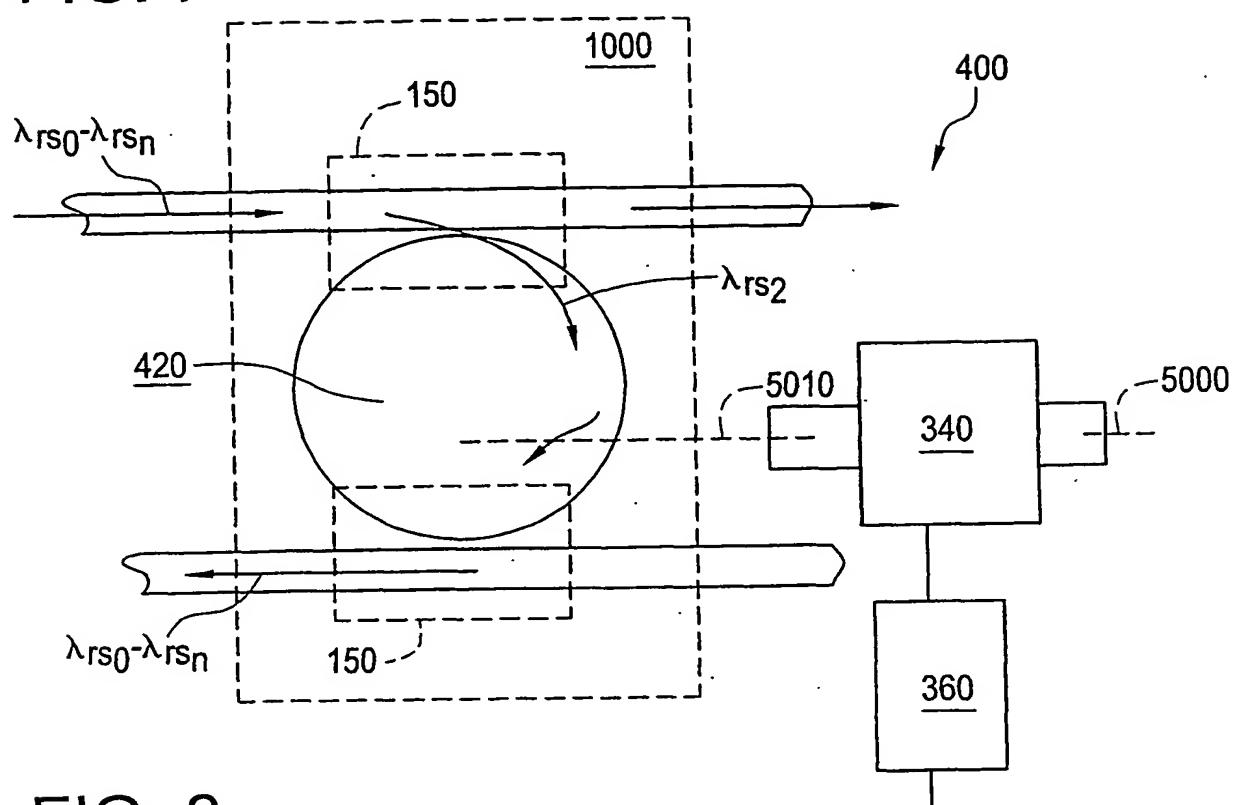
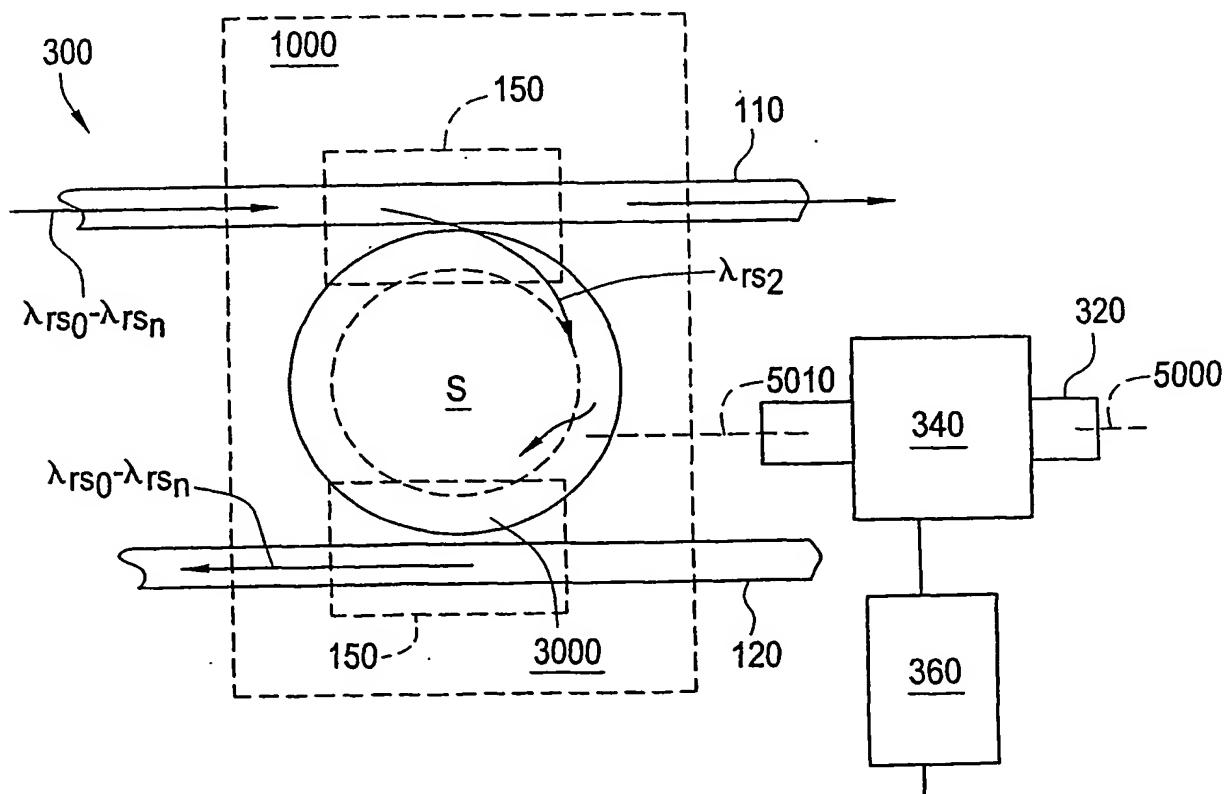


FIG. 6



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FIG. 7**FIG. 8**

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FIG. 9

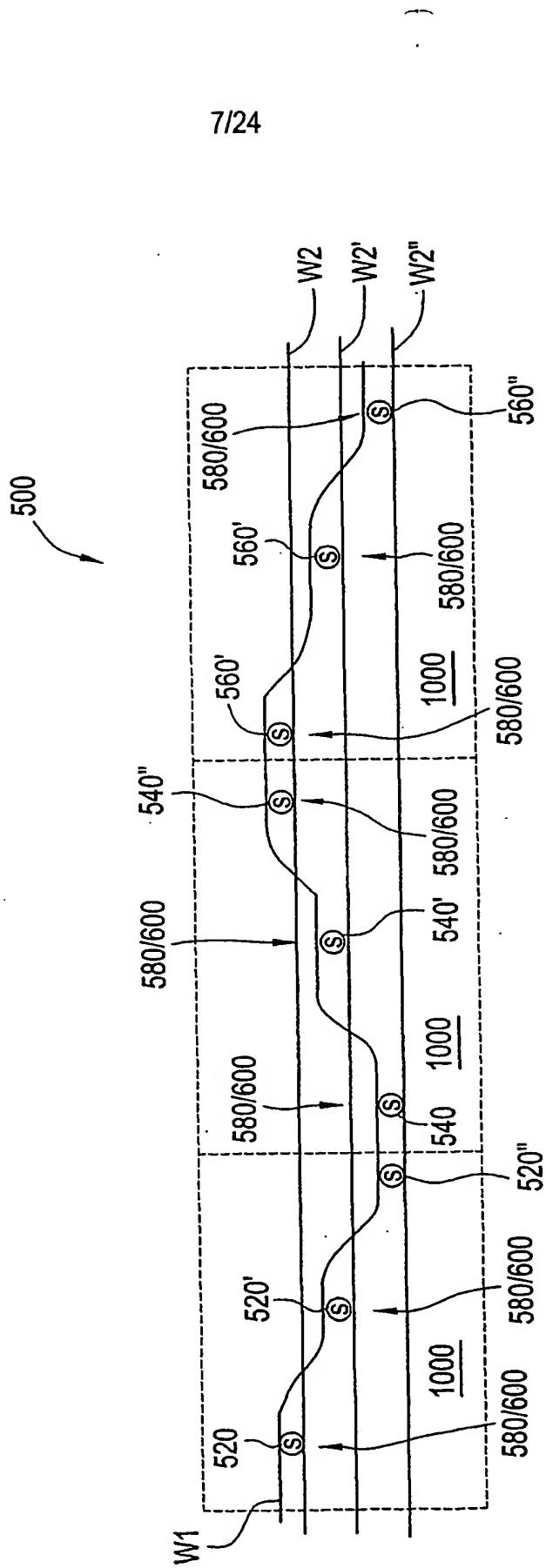


FIG. 10

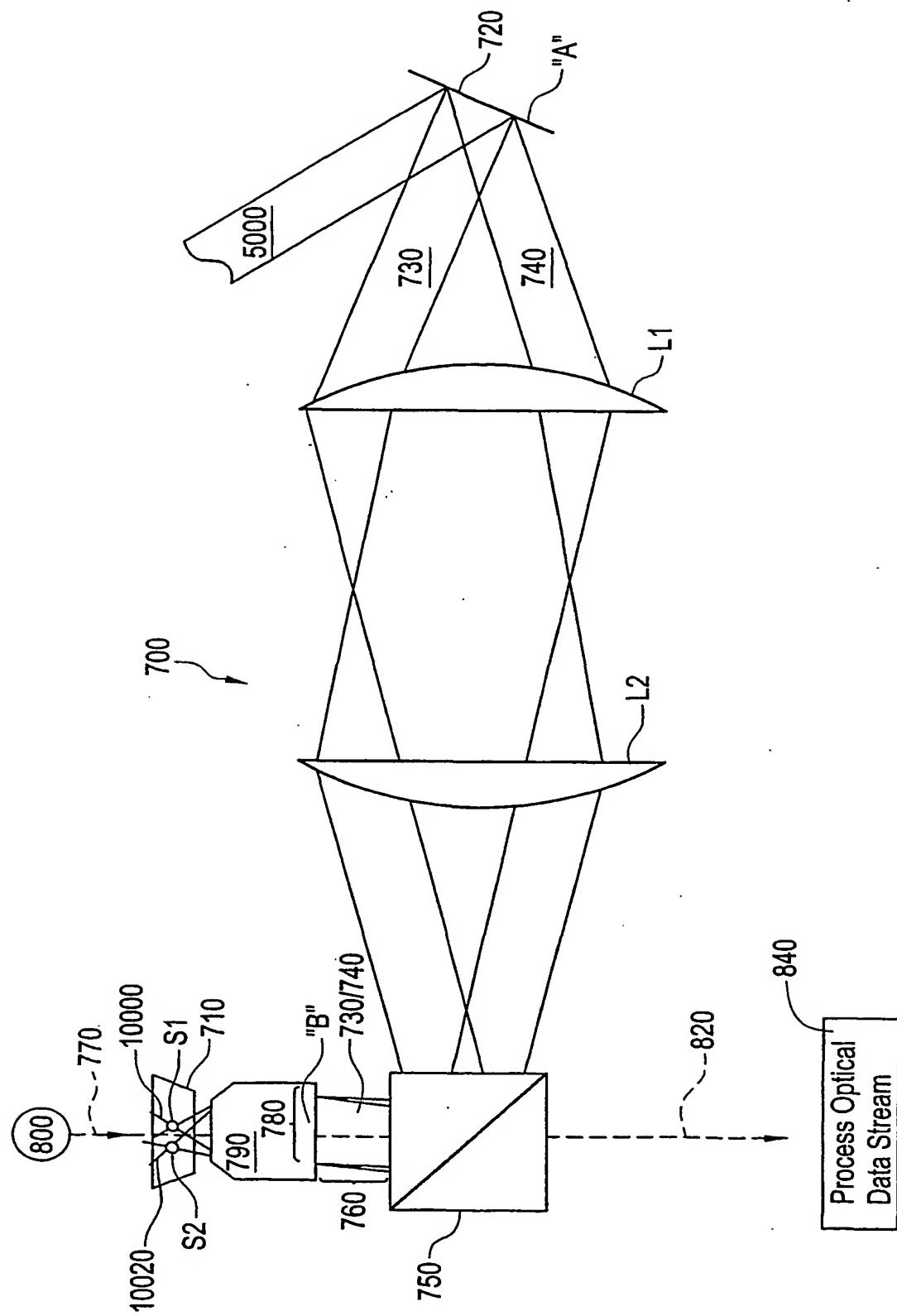


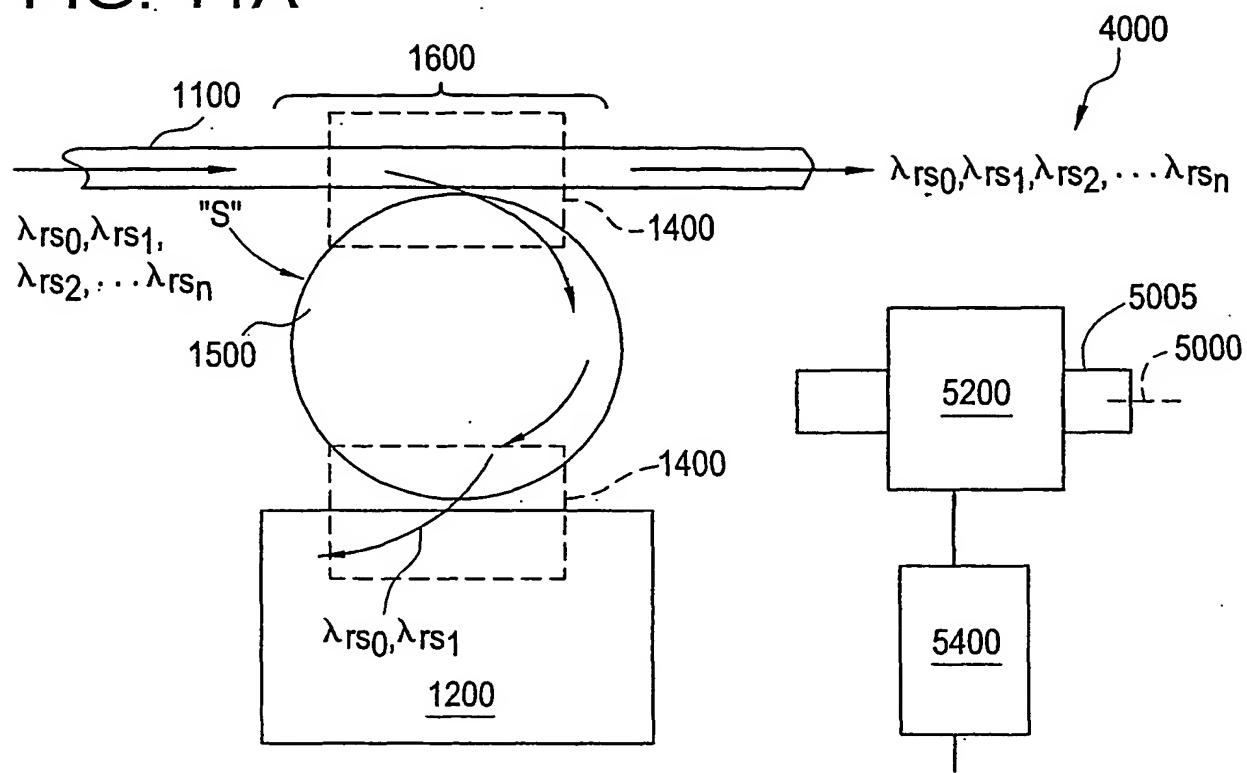
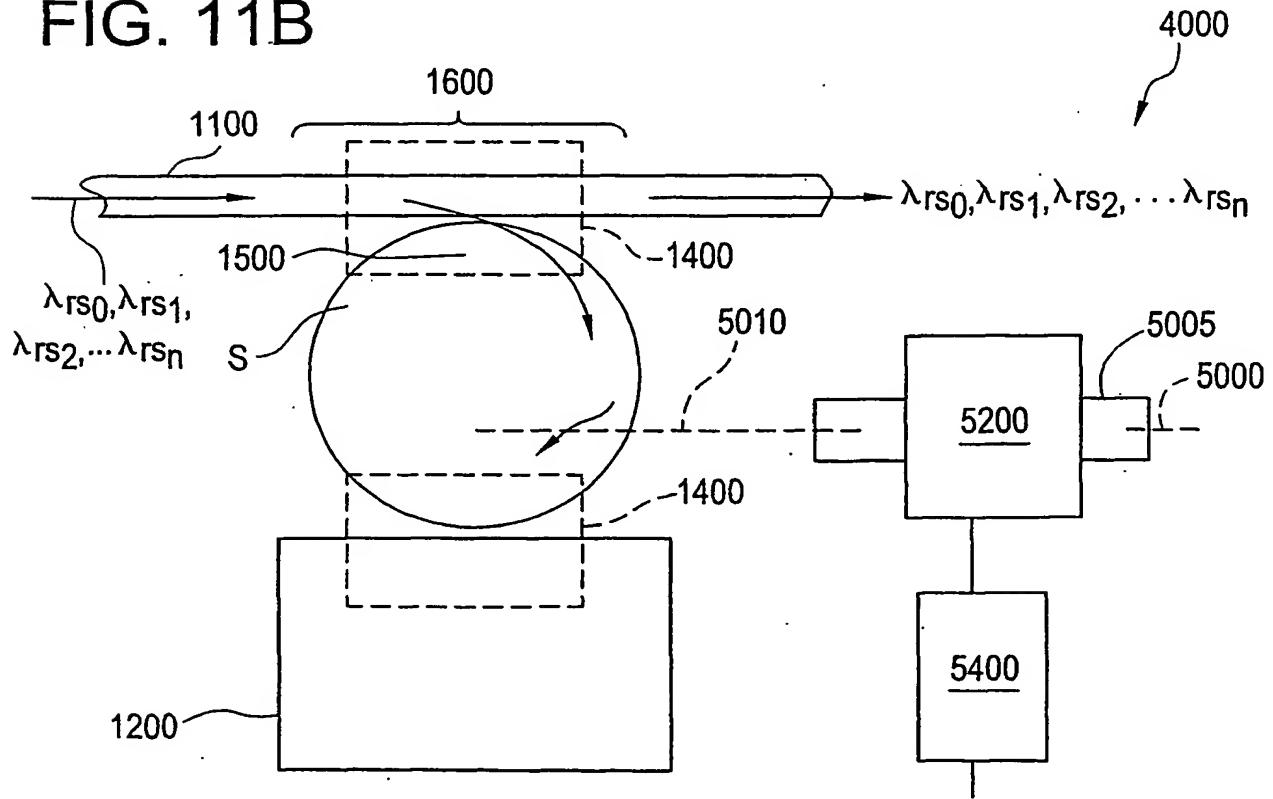
FIG. 11A**FIG. 11B**

FIG. 12

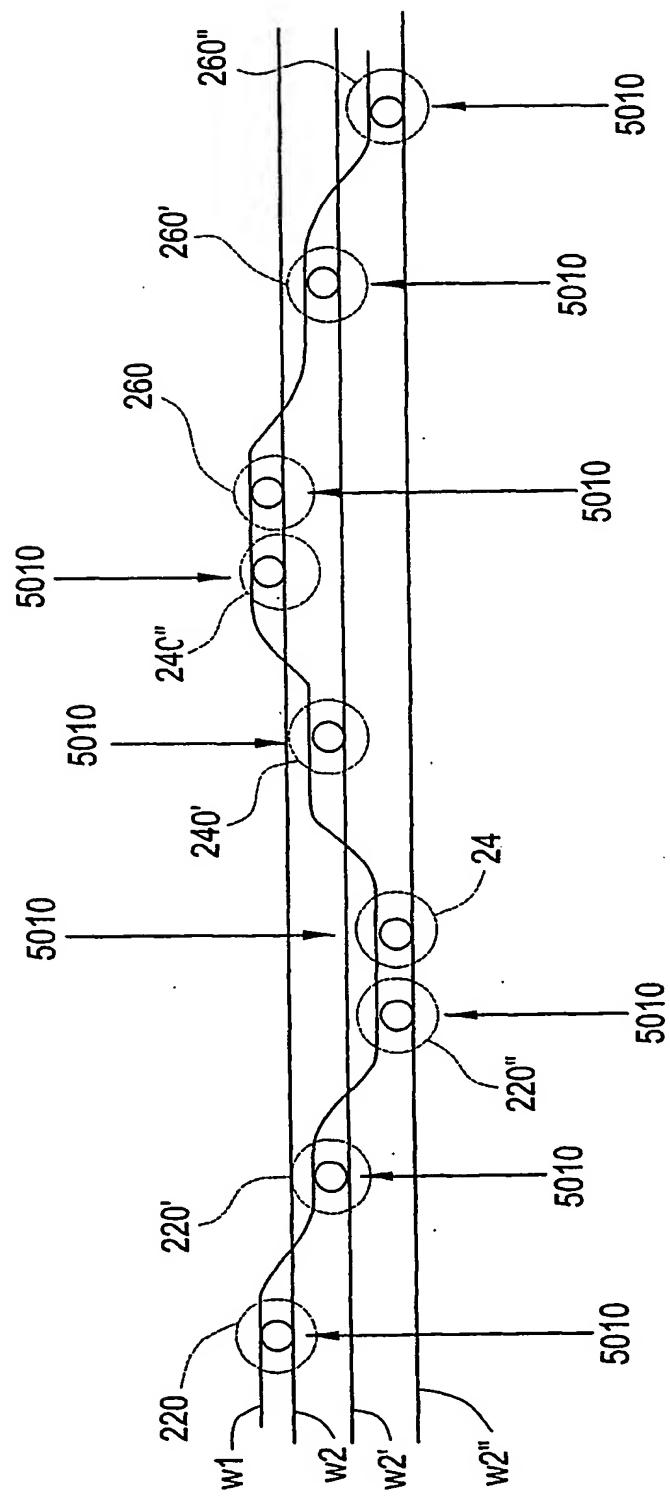


FIG. 13

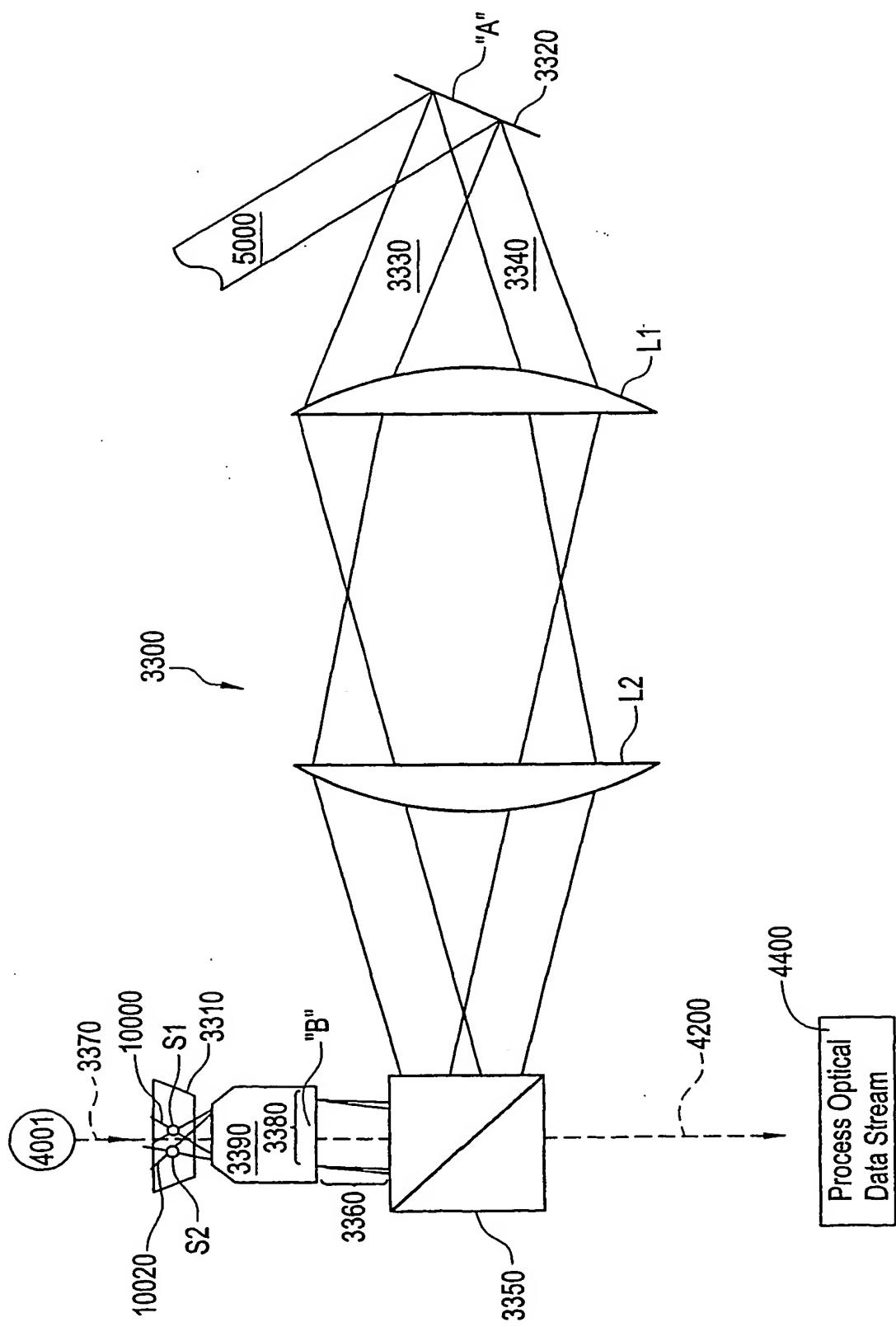


FIG.14

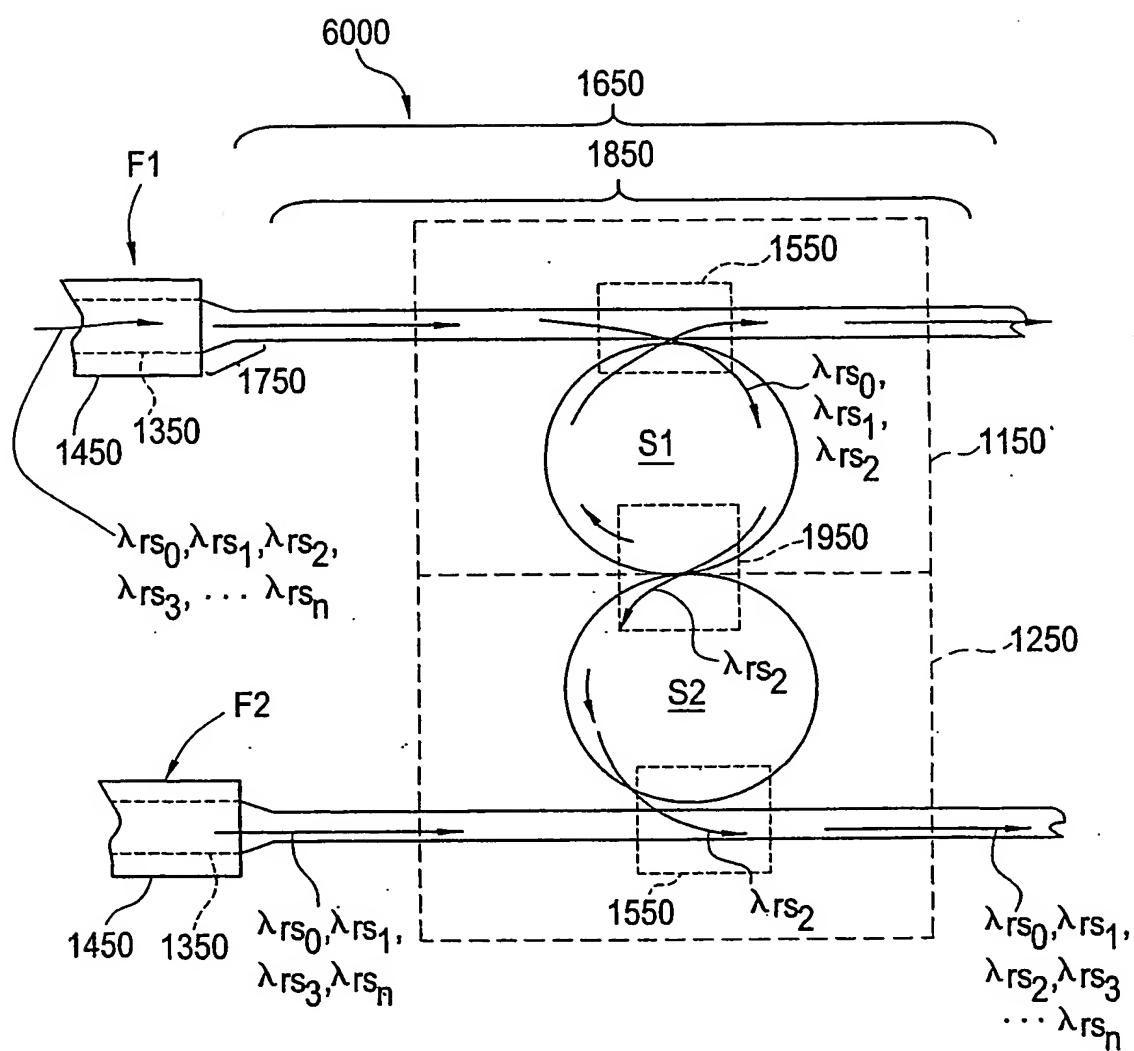
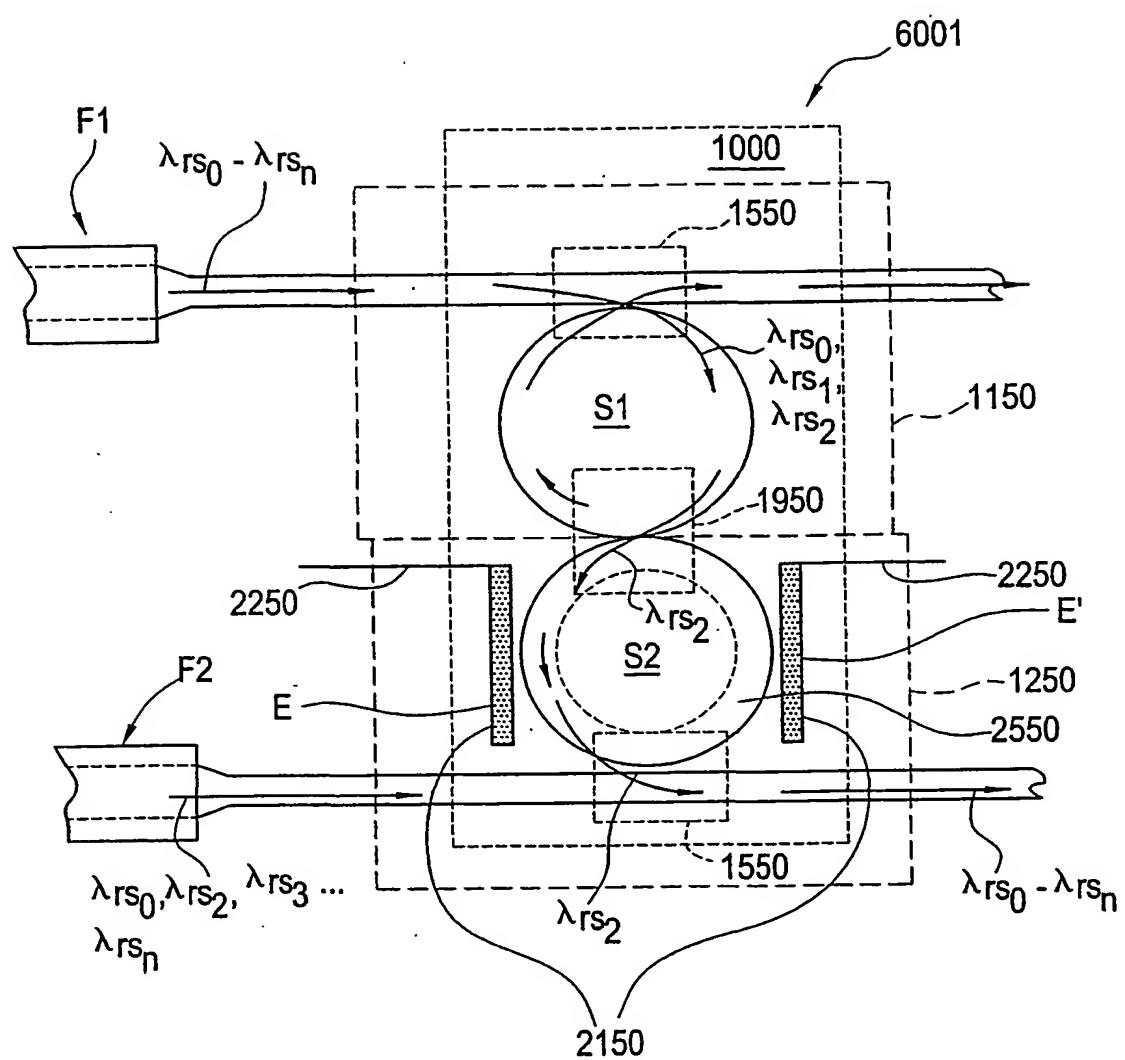
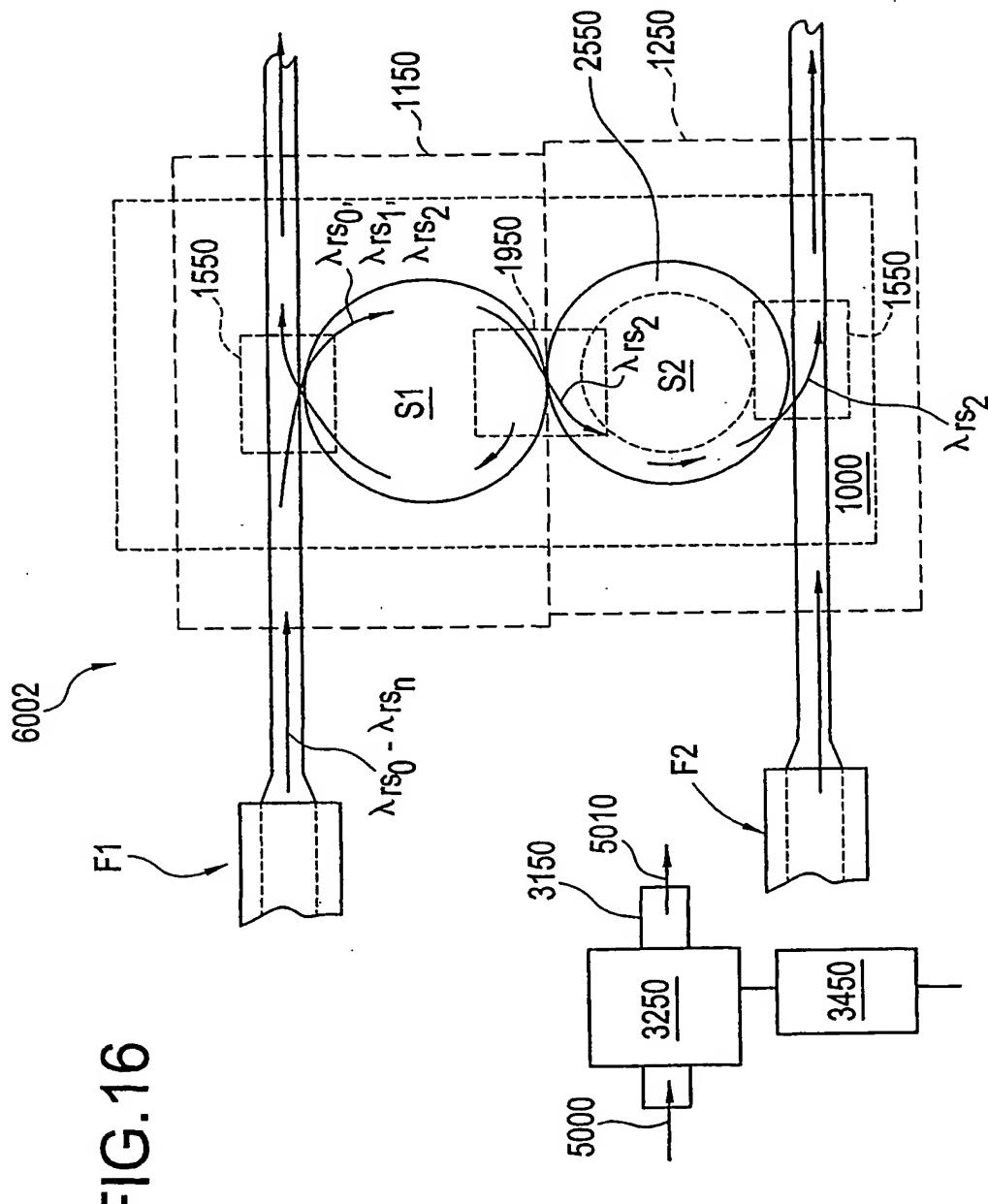


FIG.15





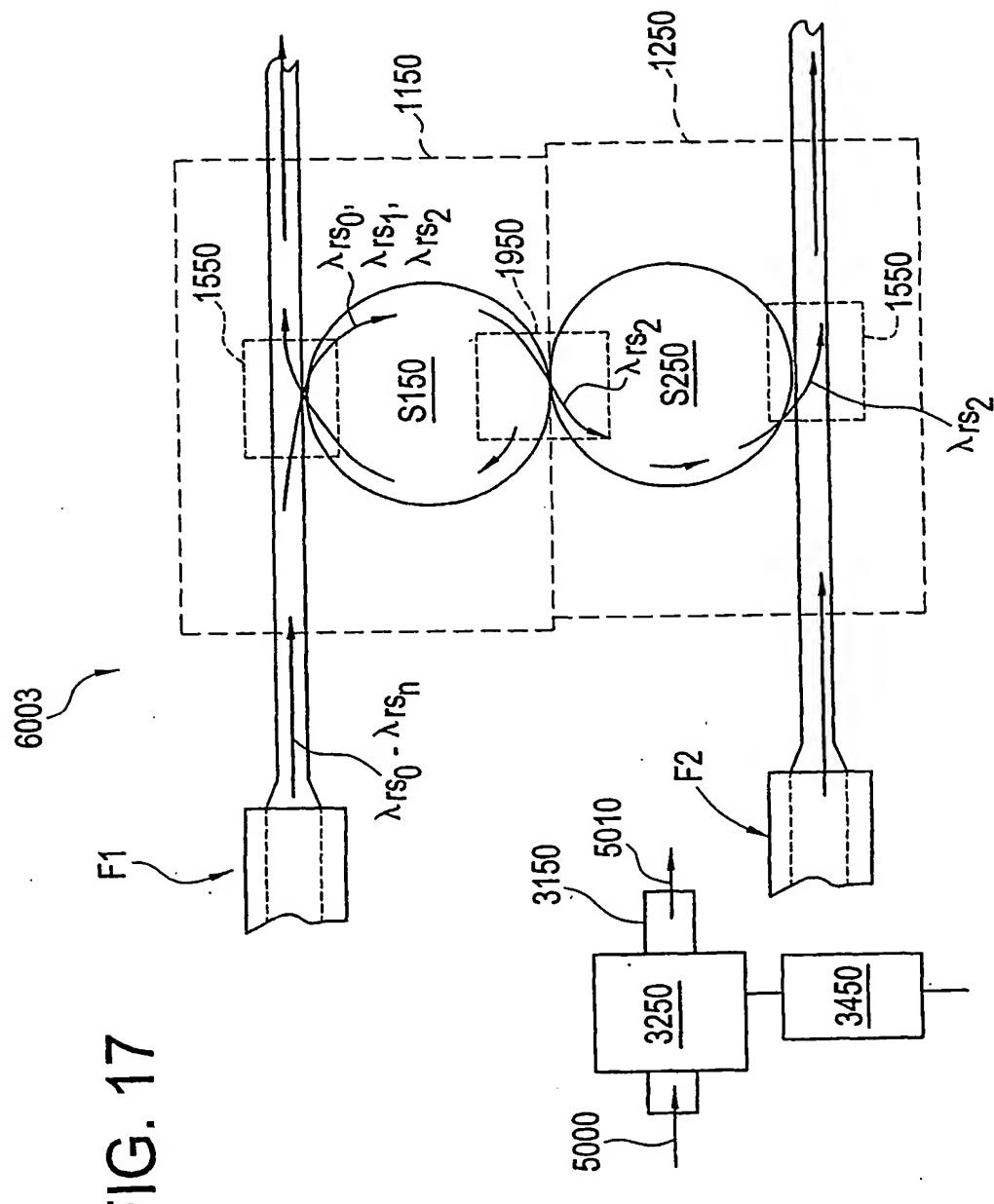


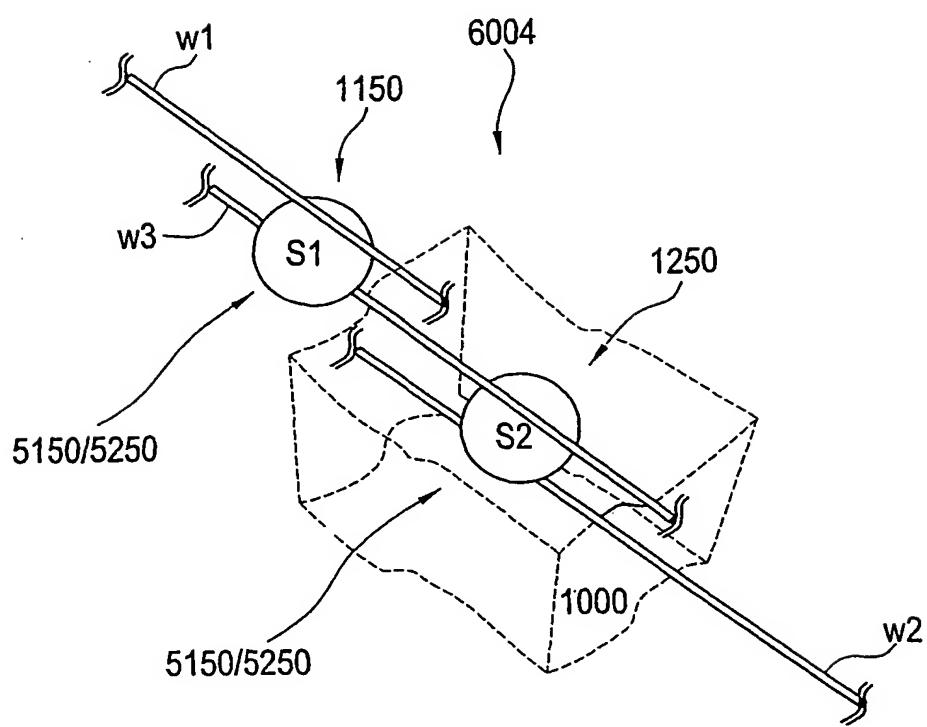
FIG. 18

FIG. 19

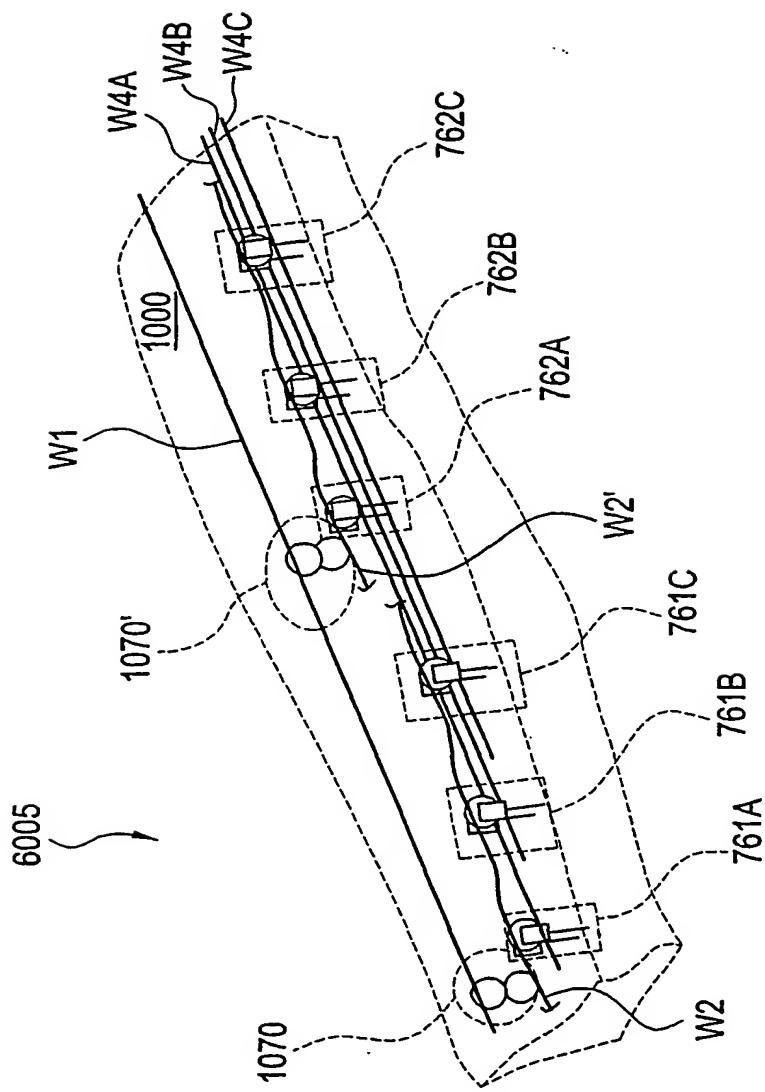


FIG. 20

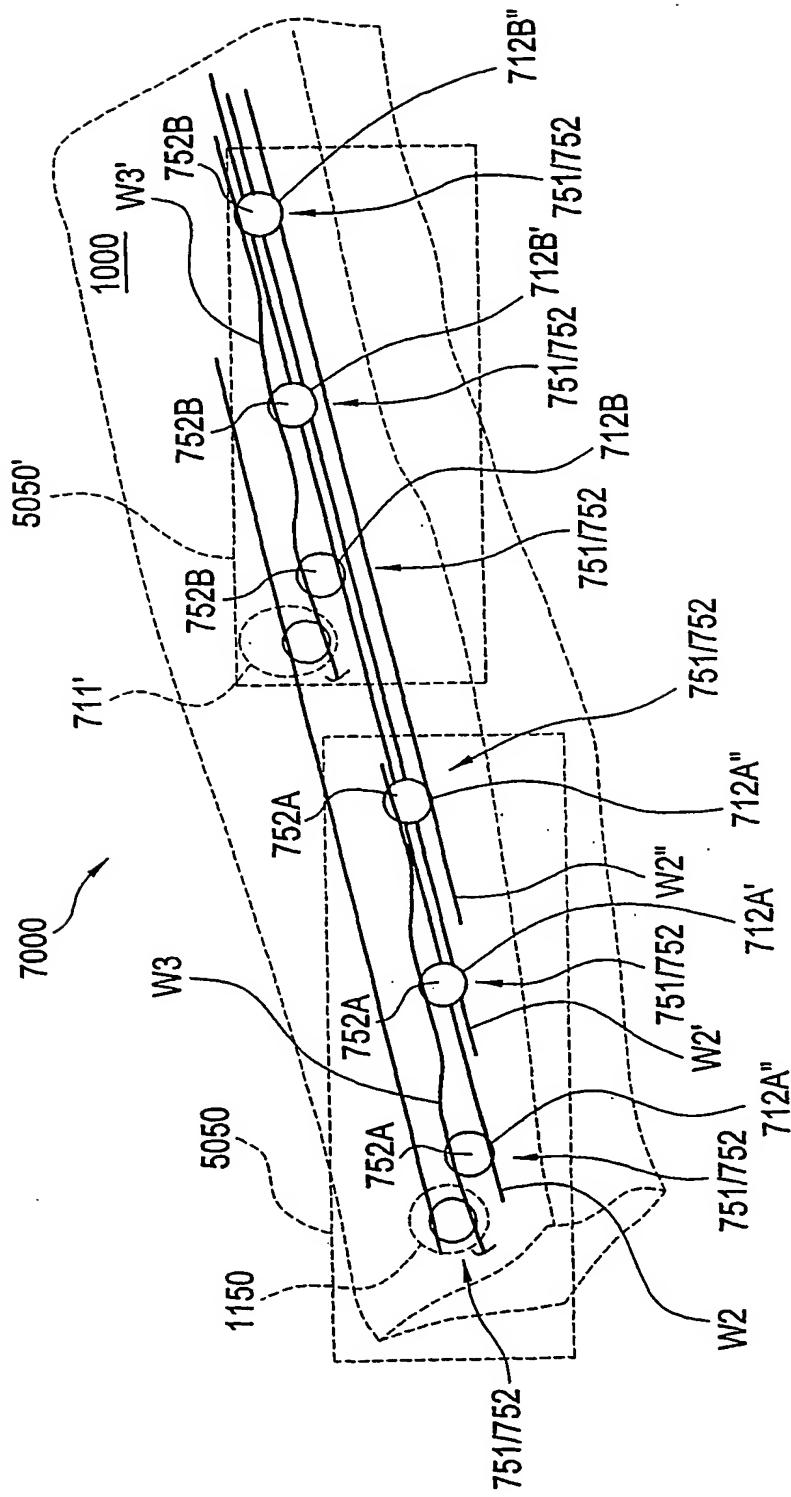


FIG. 21

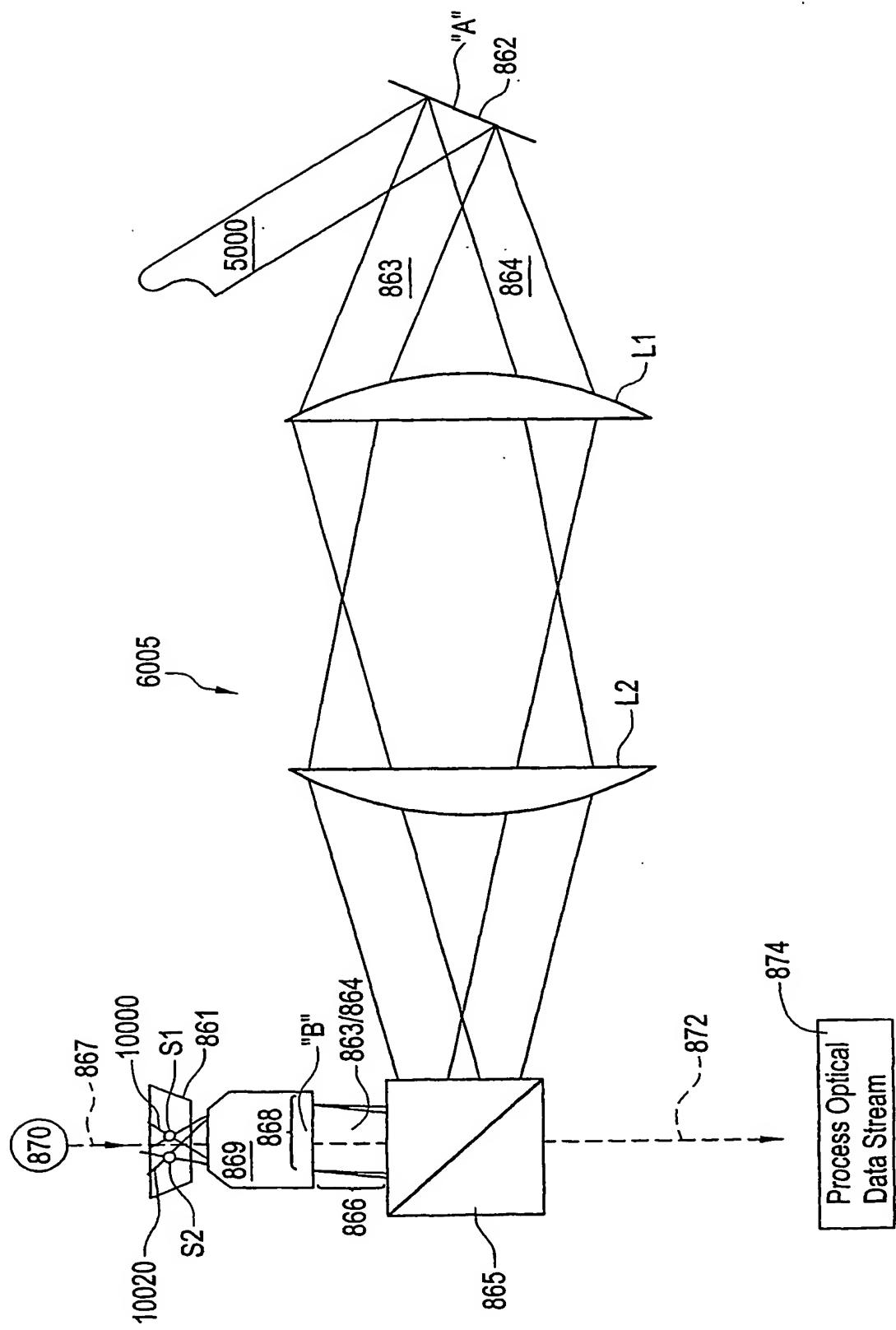


FIG. 22

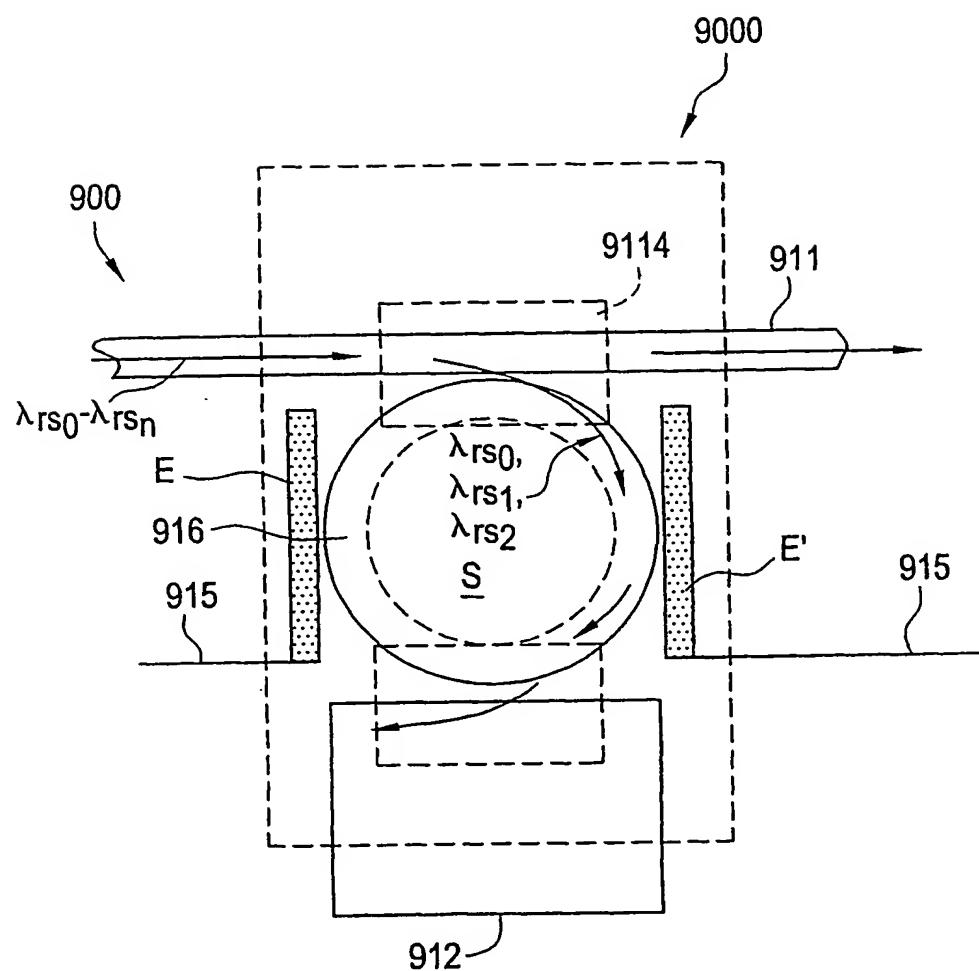


FIG. 23

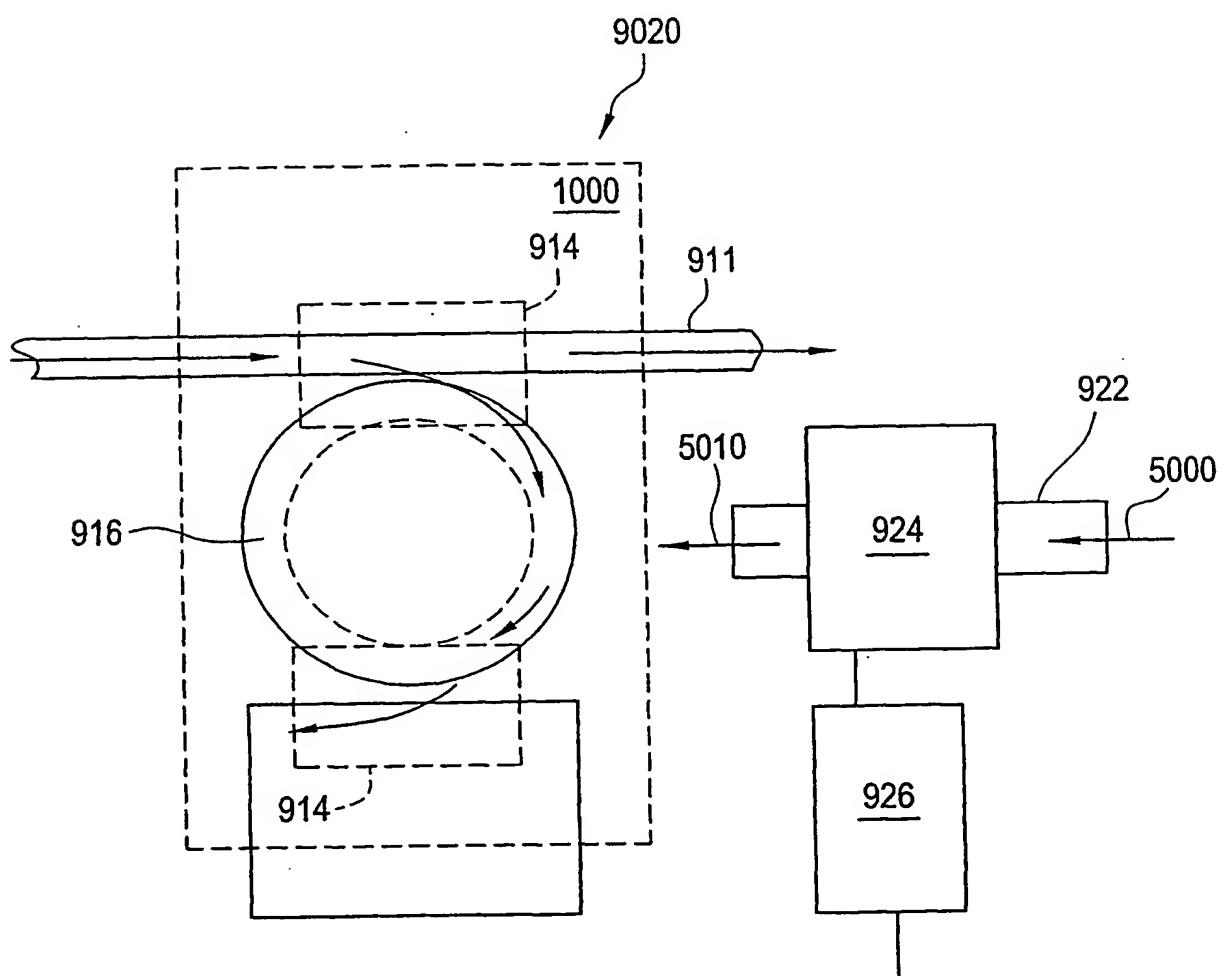


FIG. 24

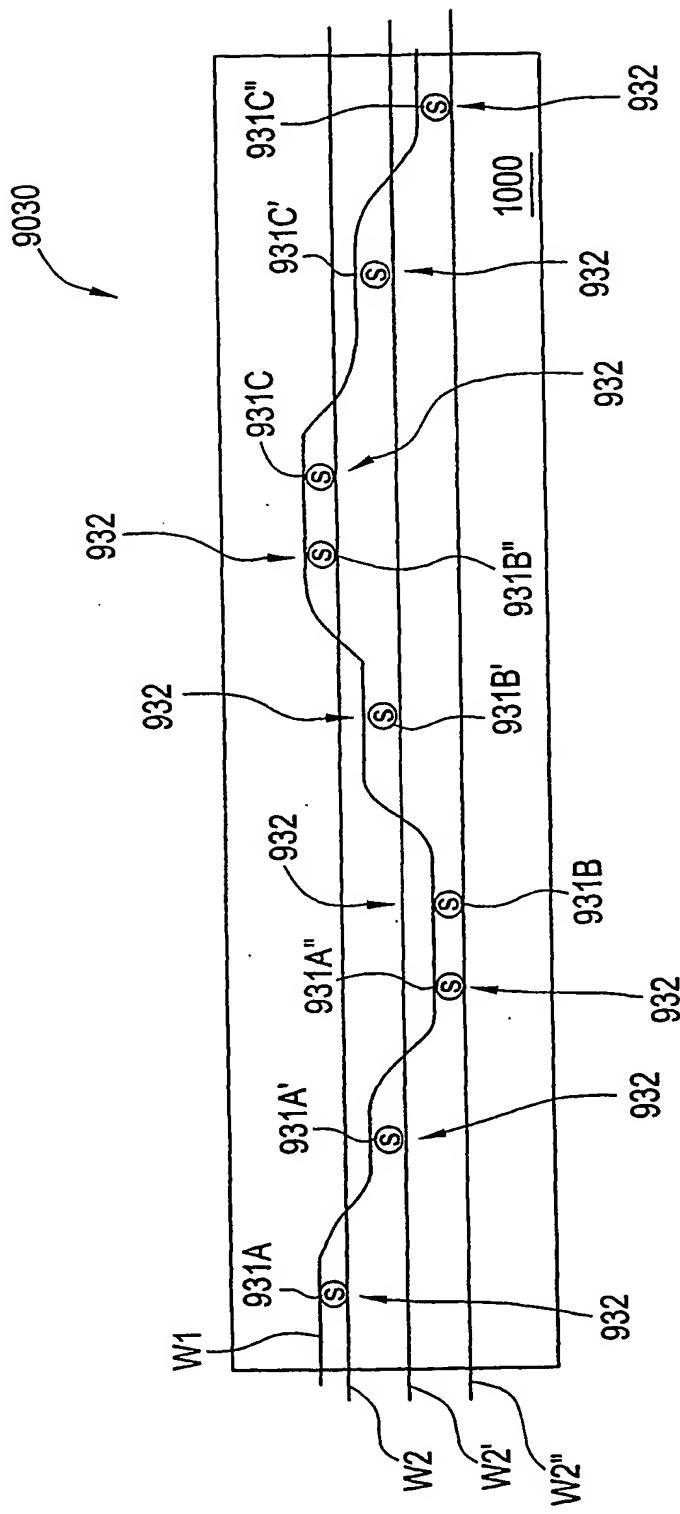


FIG. 25

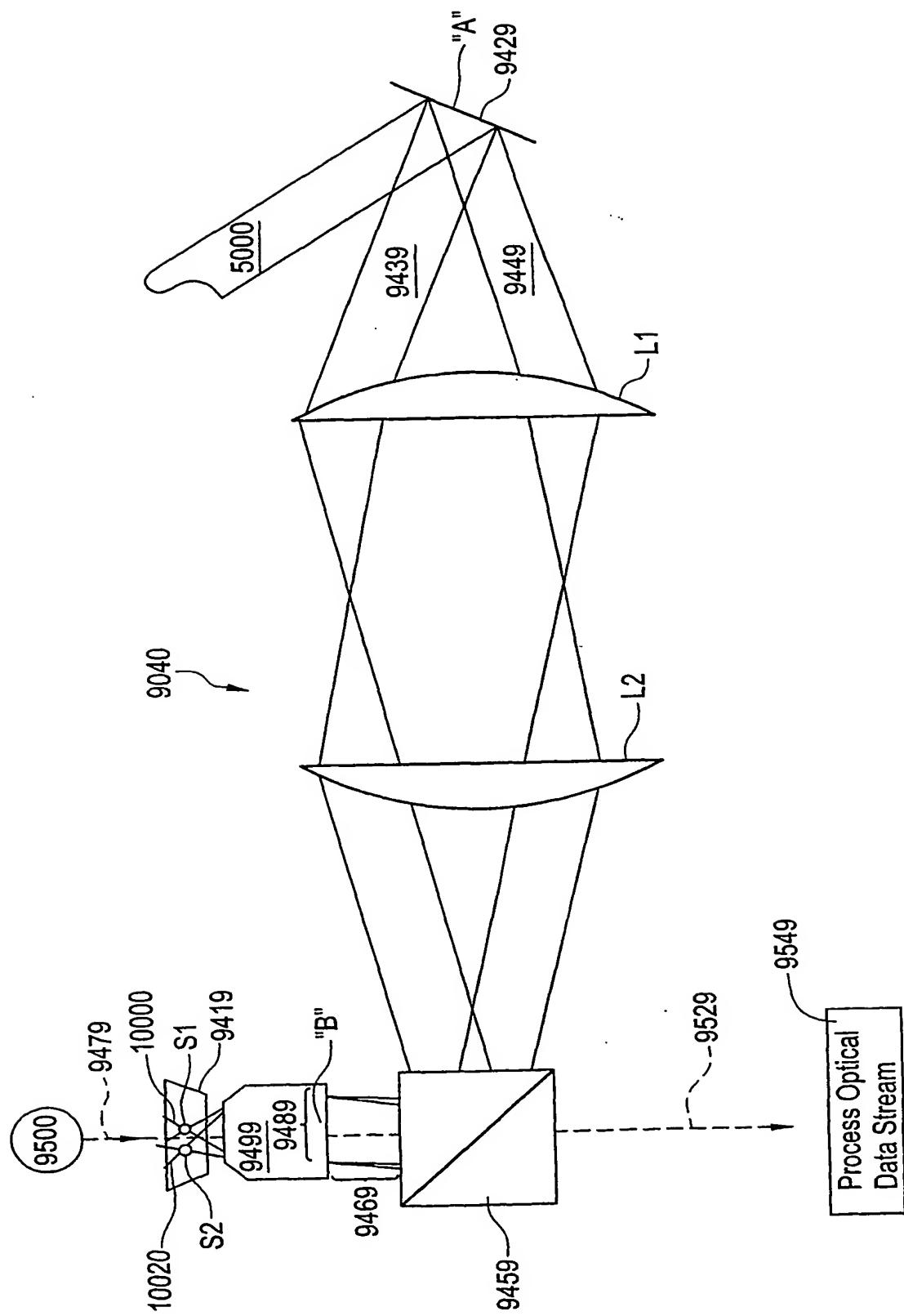


FIG. 26

Dia. Microsphere (MS) 1	Wavelength in C band MS will resonate in WGM for (microns)
200 microns	1.562981 1.560394 1.557815 1.555244 1.552682 1.550128 1.547583 1.545046 1.542517 1.539996 1.537484 1.53498 1.532484
Dia. Microsphere (MS) 2	Wavelength in C band MS will resonate in WGM for (microns)
199.6721 microns	1.563011 1.560419 1.557836 1.555261 1.552694 1.550136 1.547587 1.545046 1.542513 1.539988 1.537472 1.534964 1.532464
Dia. Microsphere (MS) 3	Wavelength in C band MS will resonate in WGM for (microns)
20 microns	1.545046